

# Tech Capital Planning –

*Why and How:*

Tools Supporting our Vision for  
Learning



**we  
are**



self-directed,  
lifelong learners



effective  
communicators



complex, creative  
& adaptive  
thinkers



collaborative  
& productive  
citizens

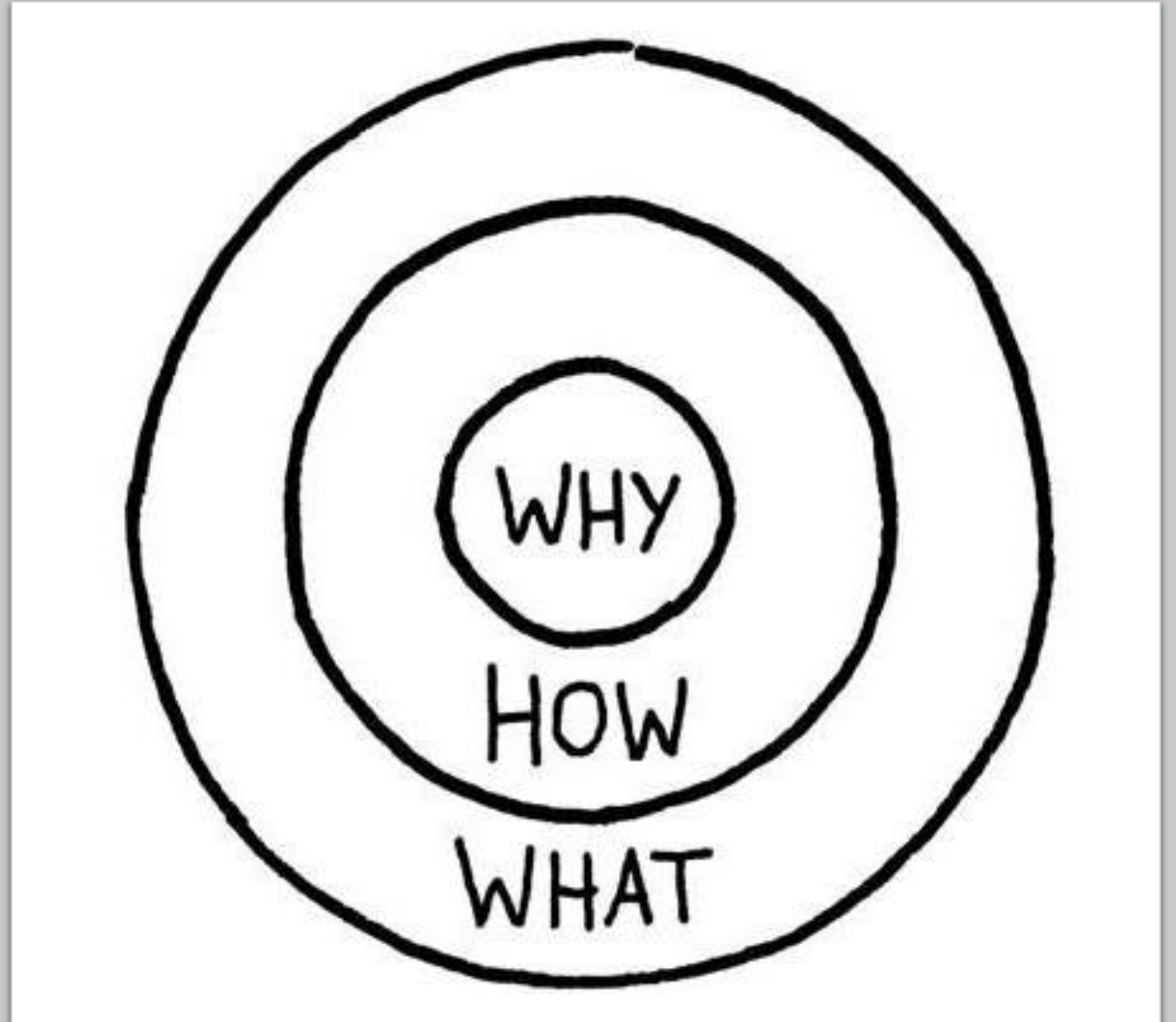


**BOARD GOAL:** Support and enhance innovative and vision-focused practices and programming that foster high-level student achievement.



Pilot and implement instructional resources  
to support students at all levels.

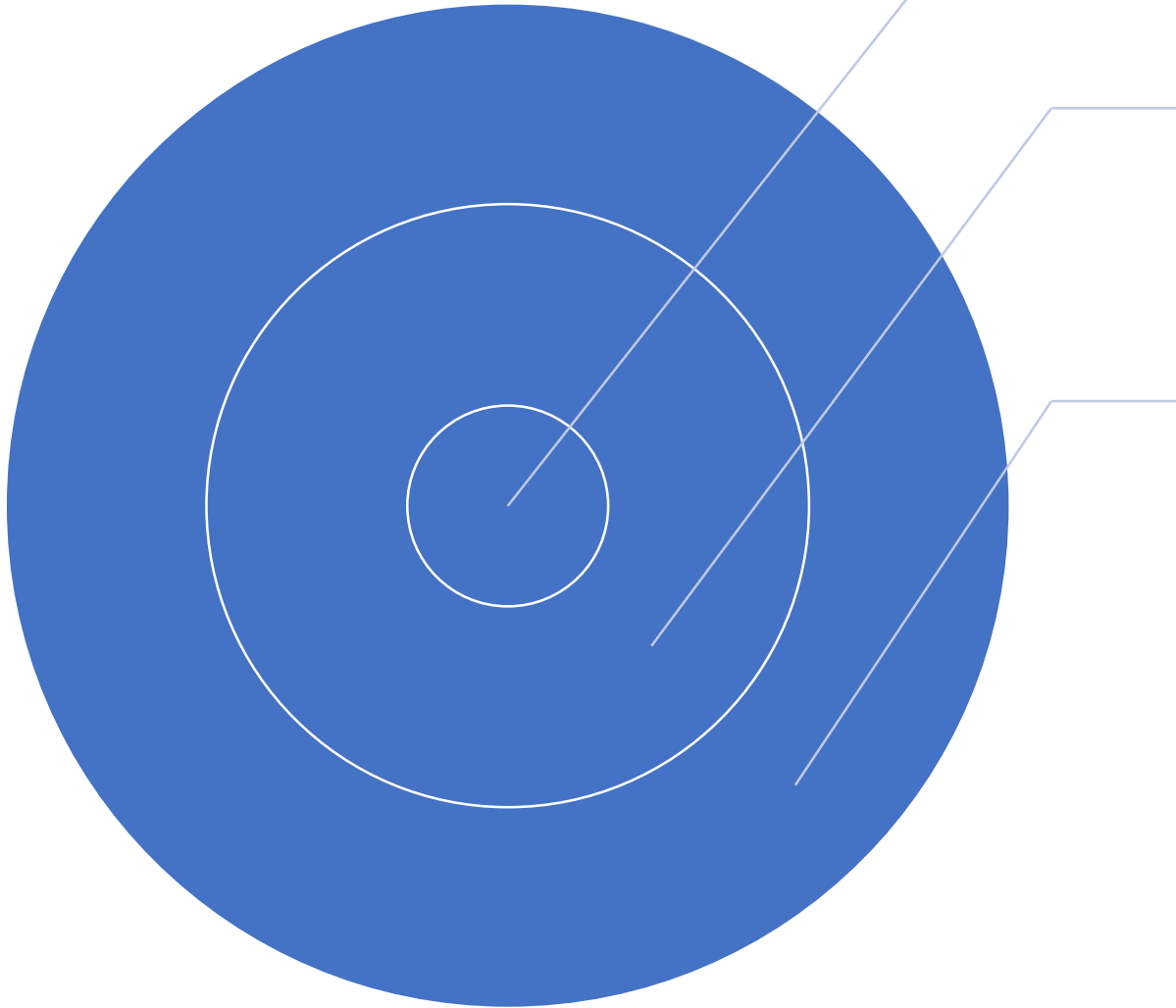
Simon Sinek's  
*Golden Circle*





# Changed Practice for Teachers and Students

## Tech Capital Plan



# The *Why*





# The *How*

Changed Practice for teachers  
and students

# Elisabeth Peacock – Acceleration and Enrichment

Fabyan Elementary School



self-directed,  
lifelong learners

5th Grade AE Math 2019-2020 Notebook

- Notes
- Warm-ups
- Problem Solving
- Grade Tracker
- Max Patrick Costello
  - Notes
  - Warm-ups
  - Problem Solving
  - Grade Tracker
- Melanie Ruth Goodfe...
  - Notes
  - Warm-ups
  - Problem Solving
  - Grade Tracker
- Mila Nicolette Costello
  - Notes
  - Warm-ups
  - Problem Solving
  - Grade Tracker
- Sasha Maria Costello
  - Notes
  - Warm-ups
  - Problem Solving

+ Add section    + Add page

Divisibility Maze  
Mon-Friday puzzles  
Brain Power Math  
Math Analogies  
OOO math tiles.  
OOO Printout  
Scratch - coding  
Perplexor  
Sudoku  
4 lines

### Order of Operations 2

$3 \times (4 + 2) - 8 = \square \square$

$\square^2 - \square \times 2 = 54$

$9 \times 4 \div \square + 1 = \square$

$(\square + \square) \times 2 - 5 = 21$

$(2 + 6 \times 3) \div 2 + 13 = \square \square$

0 1 2 3 4 5 6 7 8 9

### Order of Operations 2

$(5 - 3) \times 3^2 + 2 = \square \square$

$(\square - 2) \times 5 + \square = 26$





Home Insert Draw View Help Class Notebook Saved offline (sign in required) Share Dictate

KG Something 20 B I U A

4th Grade AE Math 2019-2020 Notebook

- Welcome
- Warmups
- New Section 1
- > \_Collaboration Space
- > \_Content Library
  - Using the Content L...
  - Links
  - Notes
  - Videos
- > Alexis Emelia Guess
  - Notes
  - Warm-ups
  - Links
- > Cameron James Sch...
  - Notes
  - Warm-ups
  - Links
- > Dominic Anthony De...
  - Notes
  - Warm-ups
  - Links
- > Eli Dawson Brazelton


+ Add section + Add page

Grade 4 Module 1

Grade 4 Module 2

Grade 4 Module 3

# Multiples



Hey! That sounds like multiply!

Multiples of 4 → 4 8 12 16 20 24


These are **MULTIPLES** - it's what you get when you **MULTIPLY** a number by 1, 2, 3, etc.

Multiples of 5 → 5 10 15 20 25 30

5	10	15	20	25	30
5x1	5x2	5x3	5x4	5x5	5x6

Multiples of 7 → 7 14 21 28 35 42

7	14	21	28	35	42
7x1	7x2	7x3	7x4	7x5	7x6



Oh... it's like skip counting!

... and so on...



self-directed,  
lifelong learners

The image shows the Scratch programming environment. At the top, the menu bar includes 'Scratch', 'File', 'Edit', 'Tutorials', 'Untitled 2', 'Shared', and 'See Project Page'. The interface is divided into several sections:

- Left Panel:** A sidebar with categories: Motion, Looks, Sound, Events, Control, Sensing, Operators, Variables, and My Blocks. The 'Motion' category is selected, showing various movement blocks like 'move 10 steps', 'turn 15 degrees', 'go to random position', 'glide 1 secs to random position', 'point in direction 90', 'point towards mouse pointer', 'change x by 10', 'set x to -130', 'change y by 10', 'set y to -2', and 'if on edge, bounce'.
- Center Stage:** A large workspace where a brown bear sprite is positioned. The bear is currently facing right. The stage background is a simple landscape with a black horizon line.
- Right Panel:** A control panel for the selected 'Bear-walking' sprite. It shows the sprite's name, its current x and y coordinates (-130, -2), its size (20), and its direction (75). Below this are buttons for 'Show' and 'Hide', and a list of available sprites: 'Bear-walking', 'Goblin', 'Goblin2', 'Orin', and 'Unicorn'. The 'Bear-walking' sprite is currently selected.
- Script Area:** A large area in the center where a complex script is being built. The script starts with 'when green flag clicked' and includes several 'when clicked' events. These events trigger various actions: 'move 10 steps', 'turn 15 degrees', 'go to x: -200 y: 142', 'switch backdrop to backdrop1', 'go to x: -151 y: 132', 'switch backdrop to backdrop2', 'switch backdrop to backdrop3', 'go to x: -132 y: 152', 'switch backdrop to backdrop4', and 'go to x: -152 y: 100'. The script also includes 'when green flag clicked' events that trigger 'switch backdrop to backdrop1' and 'switch backdrop to backdrop2'.

**Leave a Vibe!**

Feedback Edit Share

**Video Feedback**  
This video will only be available to Sasha C.

**Grading Rubric**  
Score Sasha's video based on the Topic criteria. [Edit the rubric](#)

Ideas Performance

**Comments**  
Add detailed feedback for Sasha.

0 / 1024

**Share Feedback**  
Students can visit [my.flipgrid.com](https://my.flipgrid.com) to view the feedback. You can also email or copy the link directly to students.

Copy Feedback Link Email Feedback

**Sasha Costello**  
Display Name: Sasha C  
Dilemma  
Jan 6, 2020 1:23pm 6 views  
Flip Code: [babfac27](#)







19-2020 Notebook

The Night Diary- Septem...

Genevieve's War- October

Mockingbird-November

Untitled page

Passport assignment

Genre choices

Nonfiction Passport

+ Add page

we can make something good, strong, and beautiful come out of this. "Good strong and beautiful. I like those words. They sound like Devon. I want to build something good strong and beautiful. "Okay," Dad says. "Lets do it."

The anchor question for the words of the wiser is what is the life lesson and how might this affect the character. The life lesson is something good, strong, and beautiful might come out of something tragic. Losing Devon and her mom was really hard for Caitlin but she learned that her dad is always there for her.

From this signpost I learned a #symbolism. The carving of the eagle symbolized Caitlin and her dad's relationship. I think that because working on the chest they were bonding together as they were working on it. They needed to work on the eagle but they also needed to work on their relationship. On page 167 it says "He destroyed an kicked the chest The Day Our Life Fell Apart. I think about those words and how I haven't said them lately. I think that maybe now is the day we start to put our life back together."



Mockingbi...  
November

Another signpost I found in this book was a memory moment. The memory moment is when Caitlin's dad asks Catlin what she wants for her birthday and Caitlin wants Devon to take her shopping at the mall like he did last year. But Devon can't take her anymore so Caitlin is remembering when they went shopping together for her birthday last year. On page 100 it says "Last year Devon took me to the mall. Limited Too. He said I need to wear clothes that don't make me look weird. He told me which clothes they were. I didn't like the first seventeen tops he picked. The first one was pink. Pink is the color of medicine and feels drippy and sick. The second one had a tag that itched." Caitlin got frustrated with Devon as they were shopping and bit him and she realized that Devon feels pain.

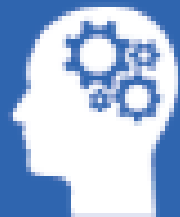
The anchor question for this signpost is why is this memory important? What does the author want you to know? This memory is important because when Caitlin remembers that moment when they went shopping she wonders if Devon felt pain when he was shot.

From this signpost I learned a #characters. I learned that Caitlin is having a hard time understanding that Devon won't be able to do stuff with her anymore. This is important because this is one of the steps to help Caitlin find closure. On page 101 it says "What do you want for your birthday?" I want Devon to take me shopping like he did last year." Dad put his head down so his chin touches his chest. He say nothing for a while. The he looks up "He can't." But its MY birthday and that's what I want."



Mockingbi...  
November

Audio recording started: 1:11 PM Monday, December 30, 2019



complex, creative  
& adaptive  
thinkers



**MarketWatch**

• Latest Watchlist Markets Investing Barron's Economy

## Game Leaderboard

	NAME	NET WORTH	LAST	TRADES	TOTAL RETURNS
1	justn w	\$105,805.97	10.22%	14	\$5,805.97
2	mason m	\$101,671.40	1.20%	21	\$1,671.40
3	Andrew W	\$101,355.54	1.66%	28	\$1,355.54
4	Sasha C	\$101,103.07	0.87%	20	\$1,103.07
5	Max C	\$100,875.59	2.91%	26	\$875.59
6	Elisabeth Peacock <b>ME</b>	\$100,725.10	0.44%	3	\$725.10
7	Alec G	\$100,664.23	0.92%	27	\$664.23
8	Melanie G	\$100,580.83	0.63%	16	\$580.83
9	Mila C	\$100,478.01	0.44%	23	\$478.01
10	Cheyenne G	\$100,134.54	0.13%	1	\$134.54

As of Jan. 13, 2020 at 3:49 p.m. ET

[View Full Rankings →](#)

# Lorrie Ruh – LMC Director

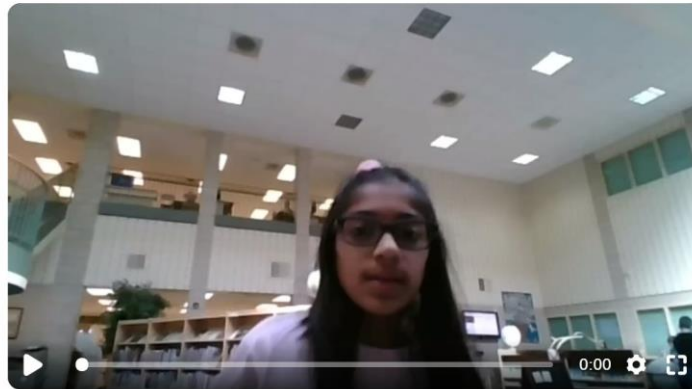
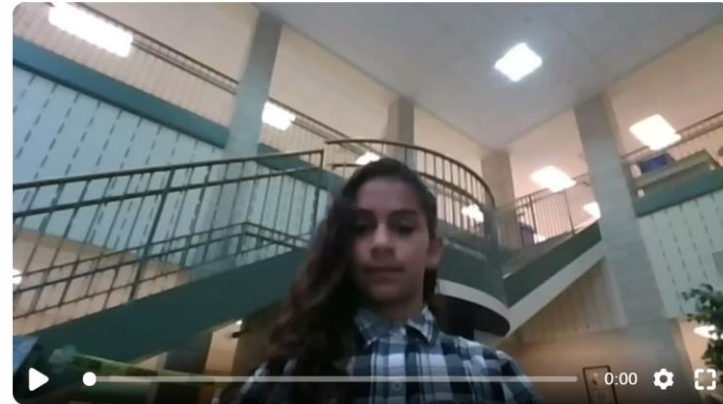
Heartland Elementary School

# Elementary LMC Instruction in Internet Safety

- Per Illinois Mandate, Internet Safety is required to be taught in grades 3 through 5.
- Creating strong passwords
- Private vs. personal information, Internet predators and scammer awareness
  - Copyright, Creative Commons and giving attribution
- Cyberbullying prevention
  - Digital etiquette and responsibility
- Digital footprint and the permanence of online posts
  - Social media awareness, the dangers of hyper-connectedness, the distractedness of being online & other future cautions



# 5th Grade Flipgrid

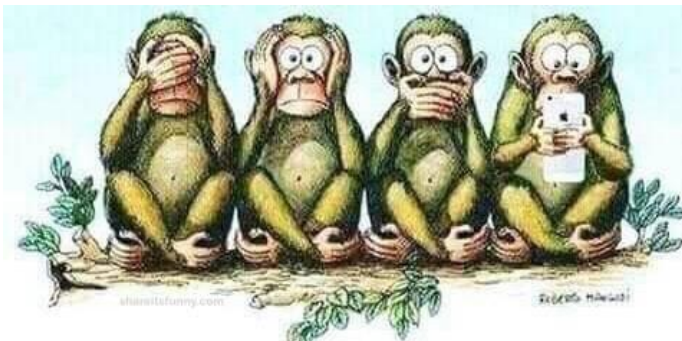


<https://flipgrid.com/s/ee0020f4f722>  
<https://flipgrid.com/s/6b189000754b>  
<https://flipgrid.com/s/9b94ed33c8cf>



## Student Sharing...

Here are some thoughts that students have shared with LMC Directors during these instructional units...



- **Internet use outside of school: Online gaming, YouTube and Social Networking**
  - **TikToc is the current favorite**
  - **A LOT of time is spent online - hyper-connected at a much earlier age.**
- **Many sites (including Tiktok) that upper elementary students frequent are rated for 12+ and upward**
  - **Students admit to stumbling on inappropriate items while searching online at home – especially YouTube.**
- **Students express frustration at much time their parents spend on screens and how difficult it is to get their attention**

## Other LMC Directors' Observations



- ***A shift - Popularity of Limited vs. Open Sites***
- ***Another shift - Students as Consumers vs. Creators of online content***

**We need to inspire creation again!**

# What Students Think They Know...

## What we teach...

- **Basics: OneDrive file management, emailing, attaching files to email, email etiquette**

- **Keyboarding**

- **Microsoft Office Suite (Word, PowerPoint, Excel) : Simple cutting and pasting, Importing pictures,**

- **Research skills - Digital literacy – Evaluating websites for truth and accuracy**

- **Digital Awareness - teachers can see where they are online and access their history – and employers will have this will ability in the future**

- **Device care**

These are the skills necessary to make them future-ready and digitally responsible citizens.



Hallie McQueeney – 1<sup>st</sup>

Maggie Clarkson – 1<sup>st</sup>

Harrison Street School



# Bloomz

---

- Communication Tool
- Staff/Parents/Students/PTO
- Behavior Management
- Student Portfolios

Entire Class	Alejandra Sanchez	Alex Mayer	Alexander Sandrok	Arelly Valdez	Ashlee Delgado	Ashley Nunez-Madeira	Claire Kelsey
Connor Ray	Elaina Hruby	Elisabeth Barr	Finley Bargman	Finn Harkins	Harrison White	Kalen Villwock	Keysha Bangel
Mack Millard	Maria Soto Davila	Marianne Schrader	Max Diaz	Penelope Weidner	Sophie Good	Violet Matyskiel	Will Crowley

		Good Job		Needs Work	
Notes		Notes			
Time		01-13-2020	2:47 PM		
Caring	1	Clean Area	1	Following Directions	1
Helping Others	1	On Task	1	Participating	1
Respectful	1	Teamwork	1	Turned In Homework	1
				Edit Award	

commented on this

**Hallie McQueeney**  
Oct 4

earned a reward!  
Congratulations to for reaching the target.  
[View Details](#)

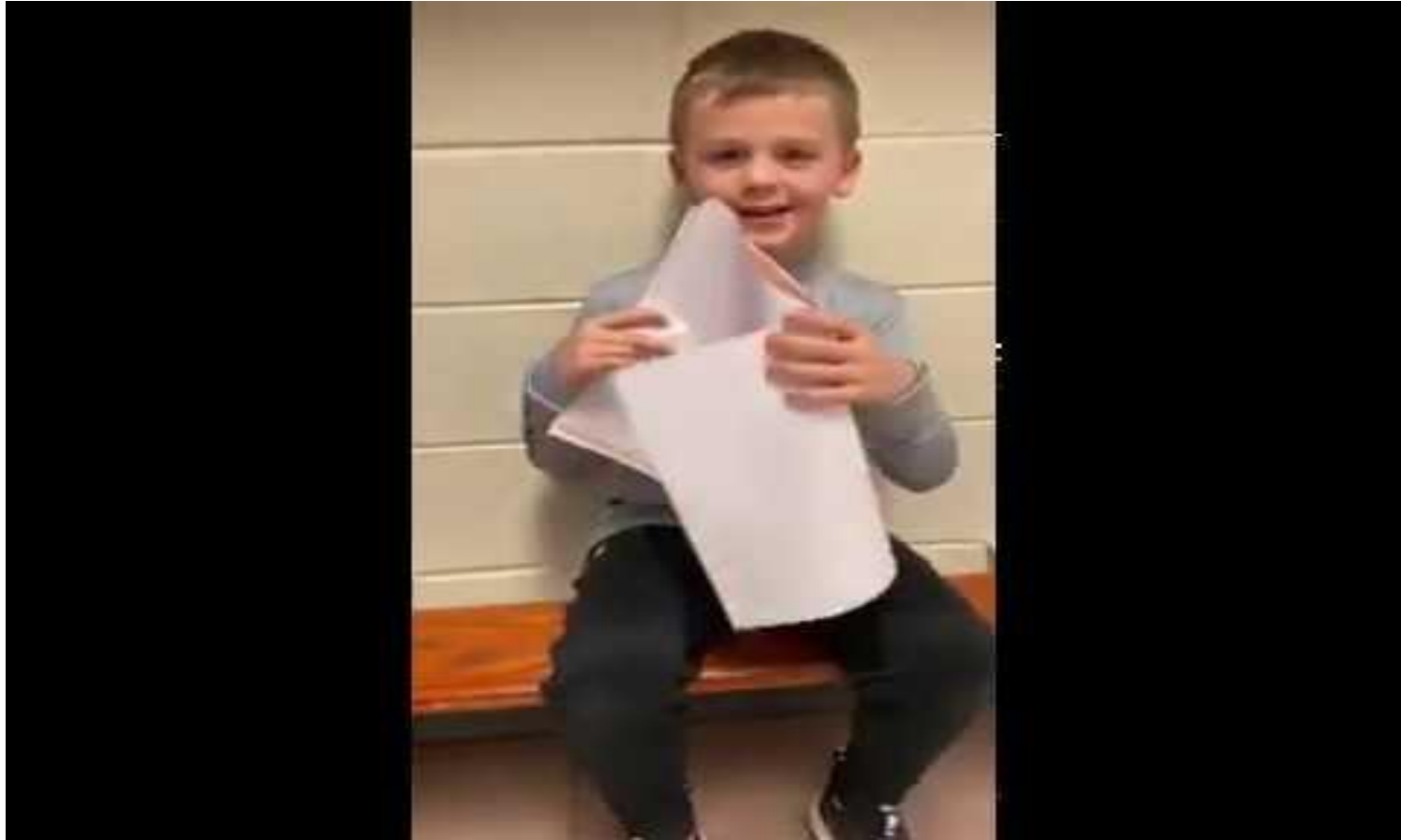
reached goal!  
**Bacterion**

**James Crowley**  
Yay!!!! So Proud if you Will!!!!  
Oct 4

[Publish Post](#) [Delete](#)

# Behavior Management

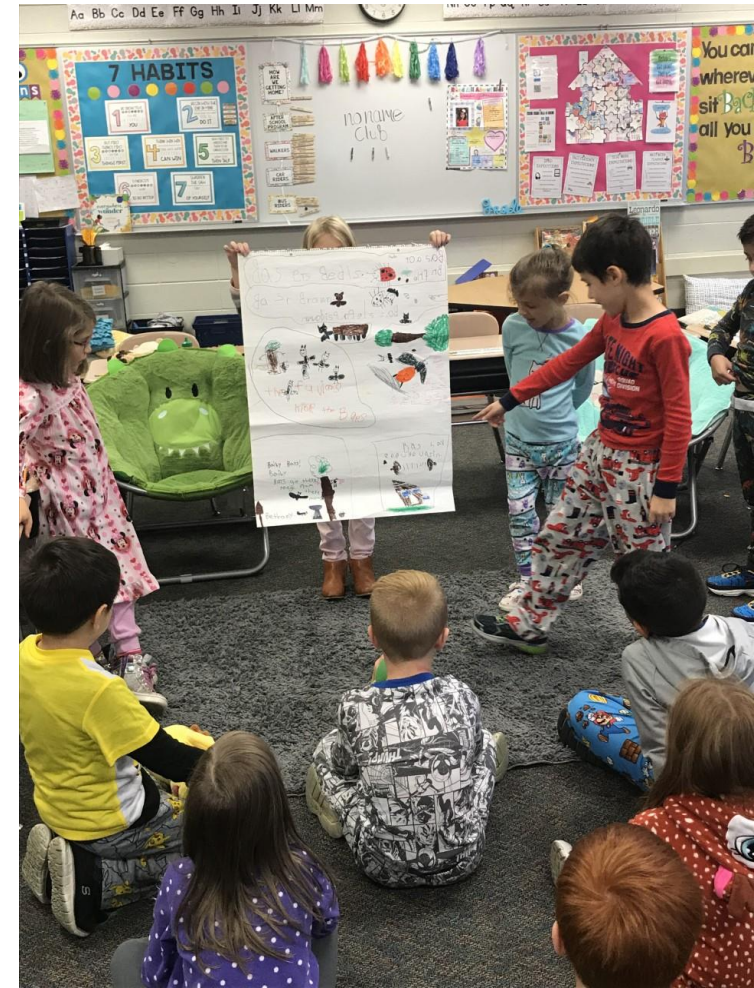
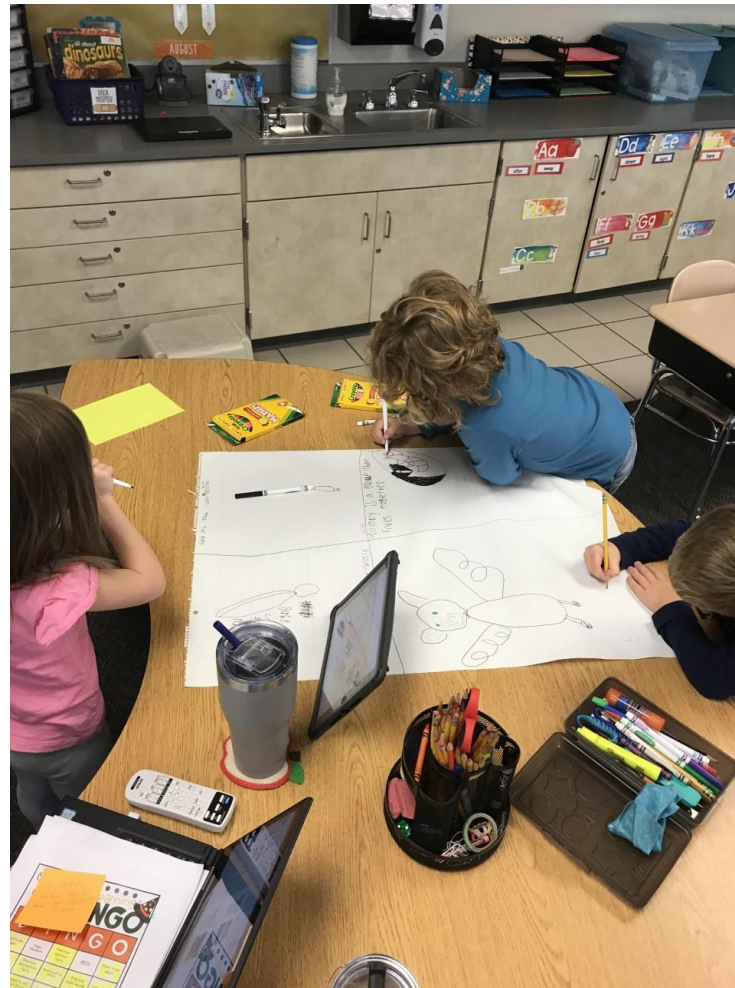
---



# Student Portfolios

---







# Kindergarten Collaboration





# The *What*

Tech Capital Plan